



SEQUENCE LISTING

<110> AN, Chunhua et al.

<120> ISOLATED HUMAN RAS-LIKE PROTEINS,
NUCLEIC ACID MOLECULES ENCODING THESE HUMAN RAS-LIKE
PROTEINS, AND USES THEREOF

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<141> 2001-01-29

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<213> HOMO SAPIEN

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 50 55 60
 Arg His Lys Lys Leu Pro Leu Thr Ala Leu Ala Gln Asn Met Gln Glu
 65 70 75 80
 Ala Ser Ala Gln Leu Glu Glu Ser Leu Leu Gly Lys Met Leu Glu Thr
 85 90 95
 Cys Gly Asp Ala Glu Asn Gln Leu Ala Phe Glu Leu Ser Gln His Glu
 100 105 110
 Val Phe Val Glu Lys Glu Ile Met Asp Pro Leu Tyr Gly Ile Ala Glu
 115 120 125
 Val Glu Ile Pro Asn Ile Gln Lys Gln Arg Lys Gln Leu Ala Arg Leu
 130 135 140
 Val Leu Asp Trp Asp Ser Val Arg Ala Arg Trp Asn Gln Ala His Lys
 145 150 155 160
 Ser Ser Gly Thr Asn Phe Gln Gly Leu Pro Ser Lys Ile Asp Thr Leu
 165 170 175
 Lys Glu Glu Met Asp Glu Ala Gly Asn Lys Val Glu Gln Cys Lys Asp
 180 185 190
 Gln Leu Ala Ala Asp Met Tyr Asn Phe Met Ala Lys Glu Gly Glu Tyr
 195 200 205
 Gly Lys Phe Phe Val Thr Leu Leu Glu Ala Gln Ala Asp Tyr His Arg
 210 215 220
 Lys Ala Leu Ala Val Leu Glu Lys Ala Leu Pro Glu Met Arg Ala His
 225 230 235 240
 Gln Asp Lys Trp Ala Glu Lys Pro Ala Phe Gly Thr Pro Leu Glu Glu
 245 250 255
 His Leu Lys Arg Ser Gly Arg Glu Ile Ala Leu Pro Ile Glu Ala Cys

Val	Met	Leu	260	Leu	Glu	Thr	Gly	Met	Lys	Glu	Glu	Gly	270	Leu	Phe	Arg
Ile	Gly	Ala	275	Gly	Ala	Ser	Lys	Leu	Lys	Leu	Lys	Ala	285	Ala	Leu	Asp
Cys	Ser	Thr	Ser	His	Leu	Asp	Glu	Phe	Tyr	Ser	Asp	Pro	His	Ala	Val	320
Ala	Gly	Ala	Leu	Lys	Ser	Tyr	Leu	Arg	Glu	Leu	Pro	Glu	Pro	Leu	Met	
Thr	Phe	Ser	Leu	Tyr	Glu	Glu	Trp	Thr	Gln	Val	Ala	Ser	Val	Gln	Asp	
Gln	Asp	Lys	Lys	Leu	Gln	Tyr	Leu	Trp	Thr	Thr	Cys	Gln	Lys	Leu	Pro	
Pro	Gln	Asn	Phe	Val	Asn	Phe	Arg	Tyr	Leu	Ile	Lys	Phe	Leu	Ala	Lys	
Leu	Ala	Gln	Thr	Ser	Asp	Val	Asn	Lys	Met	Thr	Pro	Ser	Asn	Ile	Ala	400
Ile	Val	Leu	Gly	Pro	Asn	Leu	Leu	Trp	Ala	Lys	Gln	Glu	Gly	Thr	Leu	
Ala	Glu	Ile	Ala	Ala	Ala	Thr	Ser	Val	His	Val	Val	Ala	Val	Ile	Glu	
Pro	Ile	Ile	Gln	His	Ala	Asp	Trp	Phe	Phe	Pro	Gly	Glu	Val	Glu	Phe	
Asn	Val	Ser	Glu	Ala	Phe	Val	Pro	Leu	Ala	Thr	Pro	Asn	Ser	Asn	His	
Ser	Ser	His	Thr	Gly	Asn	Asp	Ser	Asp	Ser	Gly	Thr	Leu	Glu	Arg	Lys	
Arg	Pro	Ala	Ser	Met	Ala	Val	Met	Glu	Gly	Asp	Leu	Val	Lys	Lys	Glu	
Ser	Pro	Pro	Lys	Pro	Lys	Asp	Ser	Val	Ser	Ala	Ala	Ala	Pro	Val	Ala	
Gly	Arg	Asn	Ser	Asn	Gln	Ile	Thr	Thr	Val	Pro	Asn	Gln	Ala	Gln	Thr	
Gly	Gly	Asn	Ser	His	Gln	Leu	Ser	Val	Gly	Thr	Ala	His	Ser	Ala	Ala	
Gly	Pro	Ser	Pro	His	Thr	Leu	Arg	Arg	Ala	Val	Lys	Lys	Pro	Ala	Pro	
Ala	Pro	Pro	Lys	Pro	Gly	Asn	Pro	Pro	Pro	Gly	His	Pro	Gly	Gly	Gln	
Ser	Ser	Pro	Gly	Thr	Gly	Thr	Ser	Pro	Lys	Pro	Ser	Thr	Arg	Ser	Pro	
Ser	Pro	Pro	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	
Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	Gln	
Thr	Pro	Gly	Met	Arg	Arg	Cys	Ser	Ser	Ser	Leu	Pro	Pro	Ile	Gln	Ala	
Pro	Asn	His	Pro	Pro	Pro	Gln	Pro	Pro	Thr	Gln	Pro	Arg	Leu	Gly	Glu	
Gln	Gly	Pro	Glu	Pro	Gly	Pro	Thr	Pro	Pro	Gln	Thr	Pro	Thr	Pro	Pro	
Ser	Thr	Pro	Pro	Pro	Ala	Lys	Gln	Asn	Ser	Ser	Gln	Ser	Glu	Thr	Thr	
Gln	Leu	His	Gly	Thr	Leu	Pro	Arg	Pro	Arg	Pro	Val	Pro	Lys	Pro	Arg	
Asn	Arg	Pro	Ser	Val	Pro	Pro	Pro	Pro	Asn	Pro	Gly	Thr	His	Met		
Gly	Asp	Gly	Gly	Leu	Thr	Pro	Ser	Val	Pro	Thr	Ala	Ser	Arg	Ile	Val	
Thr	Asp	Thr	Asn	Ser	Arg	Val	Ser	Glu	Ser	Leu	Arg	Asn	Ile	Phe	Pro	
Glu	Ile	His	Ser	Asp	Leu	Ala	Ser	Lys	Glu	Val	Pro	Gly	His	Ile	Leu	
Leu	Asp	Ile	Asp	Asn	Asp	Thr	Glu	Ser	Thr	Ala	Leu					

770

775

780